CIVIL QUALITY CONSULTANTS & ENGINEERS

(Buildings Geo-Tech & Highway Materials Testing Laboratory)
An ISO 9001: 2015 Certified Company
NABL Accredited As Per ISO/IEC : 17025:2005 Laboratory

JAS-ANZ
ISO 9001:2000 CERTIFIED

Lab No.: CQCE/BBMP/NMK/W.No.16/2017-18

14.03.2018

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Executive Engineer,** RR Nagar Division, BBMP, Bangalore.
Agency	: **Sri. N.M. Krishnamurthy,** Contractor, Bangalore.
Name of the work	: Improvements to road, drain and other works in Khatha Nagar in ward No.16 and Improvements to road drain and other works in Siddharata Nagar, Peenya Plantation in ward No.16, BBMP, Bangalore.
	: Cement Concrete
Sample ID	: 150mmx150mmx150mm
Size of cubes	: 22500 mm^2
Cross Sectional Area	: IS: 516-1959 (Reaffirmed 2008)
Technical Reference	: M_{20}
Grade of Concrete	: 28th day
Compressive Strength as on	

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	14.02.2018	14.03.2018	8.285	532.5	23.67
2	14.02.2018	14.03.2018	8.256	519.5	23.09
3	14.02.2018	14.03.2018	8.291	526.1	23.38

Note:
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3. Any Query regarding the report must be reported within 30 days from the date of testing.

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ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

Office & Laboratory : # 133, Bhuvaneshwarinagar, Dodda Basti Main Road, Bangalore - 560 056.
e-mail:civilqualityconsultants@gmail.com Ph: 080-23240644 / Mob: 8553518550

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Ref. No.: CQCE/BBMP/NMK/W.No.16/2017-18

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

21.02.2018

Client	: **Executive Engineer,** RR Nagar Division, BBMP, Bangalore.
Agency	: **Sri. N.M. Krishnamurthy,** Contractor, Bangalore.
Name of the work	: Improvements to road, drain and other works in Khatha Nagar in ward No.16 and Improvements to road drain and other works in Siddharata Nagar, Peenya Plantation in ward No.16, BBMP, Bangalore.
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	14.02.2018	21.02.2018	8.168	336.5	14.96
2	14.02.2018	21.02.2018	8.182	348.9	15.51
3	14.02.2018	21.02.2018	8.190	352.1	15.65

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14.03.2018

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Executive Engineer,** RR Nagar Division, BBMP, Bangalore.
Agency	: **Sri. N.M. Krishnamurthy,** Contractor, Bangalore.
Name of the work	: Improvements to road, drain and other works in Khatha Nagar in ward No.16 and Improvements to road drain and other works in Siddharata Nagar, Peenya Plantation in ward No.16, BBMP, Bangalore.
	: Cement Concrete
Sample ID	: 150mmx150mmx150mm
Size of cubes	: 22500 mm^2
Cross Sectional Area	: IS: 516-1959 (Reaffirmed 2008)
Technical Reference	: M_{20}
Grade of Concrete	: 28th day
Compressive Strength as on	

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	14.02.2018	14.03.2018	8.265	530.6	23.58
2	14.02.2018	14.03.2018	8.228	528.9	23.51
3	14.02.2018	14.03.2018	8.284	516.4	22.95

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ISO 9001:2008 CERTIFIED

No: CQCE/BBMP/NMK/W.No.16/2017-18

21.02.2018

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

	: **Executive Engineer,** RR Nagar Division, BBMP, Bangalore.
	: **Sri. N.M. Krishnamurthy,** Contractor, Bangalore.
e of the work	: Improvements to road, drain and other works in Khatha Nagar in ward No.16 and Improvements to road drain and other works in Siddharata Nagar, Peenya Plantation in ward No.16, BBMP, Bangalore.
	: Cement Concrete
	: 150mmx150mmx150mm
	: 22500 mm^2
	: IS: 516-1959 (Reaffirmed 2008)
	: M_{20}
	: 7th day

No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	14.02.2018	21.02.2018	8.185	339.5	15.09
2	14.02.2018	21.02.2018	8.164	346.2	15.39
3	14.02.2018	21.02.2018	8.152	352.0	15.64

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Job No.: CQCE/BBMP/NMK/W.No.16/2017-18

14.03.2018

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Executive Engineer,** RR Nagar Division, BBMP, Bangalore.
Agency	: **Sri. N.M. Krishnamurthy,** Contractor, Bangalore.
Name of the work	: Improvements to road, drain and other works in Khatha Nagar in ward No.16 and Improvements to road drain and other works in Siddharata Nagar, Peenya Plantation in ward No.16, BBMP, Bangalore.
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	14.02.2018	14.03.2018	8.229	535.2	23.79
2	14.02.2018	14.03.2018	8.265	518.5	23.04
3	14.02.2018	14.03.2018	8.228	526.3	23.39

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TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

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:chnical Reference	: IS: 516-1959 (Reaffirmed 2008)
:ade of Concrete	: M_{20}
ompressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	14.02.2018	21.02.2018	8.186	336.5	14.96
2	14.02.2018	21.02.2018	8.191	348.5	15.49
3	14.02.2018	21.02.2018	8.164	340.6	15.14

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pressive Strength as on	: 28th day

No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	14.02.2018	14.03.2018	8.282	530.9	23.60
2	14.02.2018	14.03.2018	8.264	528.5	23.49
3	14.02.2018	14.03.2018	8.228	536.1	23.83

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21.02.2018

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3	14.02.2018	21.02.2018	8.164	352.3	15.66

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14.03.2018

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Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
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3	14.02.2018	21.02.2018	8.164	352.3	15.66

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